

Locating the Points at which Damage Occurs to
the Winding Insulation of Electric Machines
in Operation, by N.L. Sakhnovskii.
Russian, per, Elekt. Stantsii, Vol 33 No. 8,
00003-75
CEGB
C.E. Tr. 5260

Sci-Phys
Mar 70

402,565
Serial No

PUBLIC INSPECTION OF PLAN FULFILLMENT IN
SCIENTIFIC AND TECHNICAL RESEARCH AND
ACHIEVEMENTS, # 8 PP.

RUSSIAN, PER, ELEKTRICHESKAYA STANITSIYA,
NO 33, AUG 1962, PP 95-96.

JPRS 17399

SCI - MISC

FEB 63

221,263

TASKS OUTLINED FOR 1963 — THE FIFTH YEAR OF
THE SEVEN-YEAR PLAN, 7 PP.

RUSSIAN, PER, ELEKTRICHESKIYE STANTSII, NO 1,
1963, PP 2-6.

JPRS 18357

USSR
ECON
APR 63

225,759

BRATSKAYA HYDROELECTRIC POWER STATION BY
A. D. SAKOV, B. Z. UMANSKIY, 15 PP.

RUSSIAN, PER, ELEKTRICHESKIYE STANTSII, NO 1,
1963, PP 7-13.

JPRS 18357

SCI • ELEC
APR 63

225,760

Bratsk Hydroelectric Powerplant, by A. D. Sakov.
RUSSIAN, per, Elektricheskie Stantsii, Vol 34,
No 1, 1963, pp 7-13.
NTC 71-16604-13G

Mar 72

THE PROSPECTS FOR THE CONSTRUCTION OF POWERFUL
CITY TETS FOR SUPERCRITICAL STEAM PARAMETERS
(FOLLOWING THE EXAMPLE OF MOSCOW IN THE ORDER
OF DISCUSSION), BY G. I. ROSSIYEVSKIY, A. R.
MONASTYRSKAYA, 11 PP.

RUSSIAN, PER, ELEKTRICHESKIYE STANTSII, NO 1,
1963, PP 13-17.

JPRS 18357

USSR
ECON
APR 63

225,761

TT-65-64221

Field 9C

Gornshlein, V. M.
TARIFFS AND THE PEAK DEMAND PROBLEM IN
POWER SYSTEMS, 1965, 13p, 3refs. CE-Trans-3721.
Order from CFSTI, SLA, or ETC: HC\$1.60, MF\$0.50
as TT-65-64221

Trans. of Elektricheskoe Stanitsii (USSR) v34 p40-5 1963.

I. Central Electricity
Generating Board.
London (England)

TT-65-64240

Field 9C

Yakub, Yu. A.; Kozharinov, V. V.
DESIGNING 110-500 KV OUTDOOR DISTRIBUTION
EQUIPMENT. 1965, 17p. CE-Trans-3732.
Order from CFSTI, SLA, or ETC: HC\$1.60 MF\$0.50
as TT-65-64240

Trans. of Elektricheskie Stantsii (USSR) v35 n1 p43-51 1964.

I. Central Electricity
Generating Board.
London (England)

Kozhanova, Z. E., Koshemyakin, V. G.,
Naumovskii, L. D., and Tsirel', Ya. A.
REDUCTION OF CLEARANCE OF OVERHEAD TRANS-
MISSION LINES. [1963] [5p] C. E. Trans. 3111.
Order from OTS, SLA, or ETC \$1.10 TT-63-24594

Trans. of Elekt[richeskie] Stantsii (USSR) 1963, v. 34,
no. 1, p. 43-45.

NLL/9022.091963(3111)

(Engineering--Electrical, TT, v. 11, no. 12)

TT-63-24594

I. Kozhanova, Z. E.
II. Koshemyakin, V. G.
III. Naumovskii, L. D.
IV. Tsirel', Ya. A.
V. CE-Trans-3111
VI. Central Electricity
Generating Board,
London (England)

Office of Technical Services

Nesterov, N. G. and Aleksandrov, N. V.
BRUSH SLIDING CONTACT ON TURBO-GENERATOR
SLIP RINGS. [1963] [6p] Srefs C. E. Trans. 2999.
Order from OTS, SIA, or ETC \$1.10 TT-63-24093

Trans. of Elekt[richeskie] Stantsii (USSR) 1963, v. 34,
no. 1, p. 45-48. (Abstract available)

DESCRIPTORS: *Slip rings, Generators, Turbines,
*Sliding contacts, Brushes, Power equipment.

Investigations carried out on the slip ring brush contact
confirm that, in defined conditions between the ring and
the brush, there is a wedge-shaped air gap. The
tangential dimension of the brush should be as small as
possible to lower the aerodynamic lifting force and
ensure sparkless operation at high linear velocities of
the slip ring. An effective means of improving the
operation of a brush slip ring contact with current
(Engineering--Electrical, TT, v. 11, no. 2) (over)

TT-63-24093

I. Nesterov, N. G.
II. Aleksandrov, N. V.
III. CE Trans. 2999
IV. Central Electricity
Generating Board
(Gt. Brit.)

ALL Pgs. 9022.03
1963 (3235)
(cont. copy)

Office of Technical Services

THE SI INTERNATIONAL UNIT SYSTEM, BY L. R. STOTSKIY,
37 PP.

RUSSIAN, PER, ELEKTRICHESKIYE STANTSII, NO 1,
1963, PP 65-75.

JPRS 18934

USSR
ECON
MAY 63

230,1026

Experiment on the Hydrazine Treatment of Feedwater
for One-Through Boilers, by D. Ya. Kagan,
T. A. Kaganer.

RUSSIAN, per, Elek Stantsii, Vol XXXIV, No 1,
1963, pp 81-83.

NLL Ref: 9022.09 1963 (3113) (Loan)

Sci
Feb 64

Preventive Maintenance Tests on the Insulation
of Hydrogenerator Rotor Windings Carried Out by
~~the~~ Stepping up the Voltage, by B. I. Kozyrev,
V. L. Shargorodskiy.

RUSSIAN, per, Elek Stantsii, Vol XXXIV, No 1,
1963, pp 83-84.

NLL Ref: 9022.09 1964 (3307)
(loan copy)

Sci
Sep 64

Use of Small Forklifts for Maintenance of Electric
Power Substations, by V. V. Alekseyeva, 4 pp.

RUSSIAN, per, Elek Stants, Vol XXXIV, No 1, 1963,
pp 85, 86. 9695106

FSTC 381-T64-15

Sci - Engr
Nov 64

ON THE THEMES FOR THE "ELECTRIC POWER STATIONS"
MAGAZINE FOR 1963, 11 PP

RUSSIAN, PER, ~~XXE~~ ELEKTRICHESKIYE STANTSII, NO 1,
1963, PP 94-96.

JPRS 18934

USSR
ECON
MAY 63

230,027

PROBLEMS OF FURTHER DEVELOPMENT OF ELECTRIC POWER
LINES AND RAISING OF THE VOLTAGE QUALITY, BY
A. M. NEKRAOV, G. V. SERBIKOVSKIY, 14 PP.

RUSSIAN, PER, ELEKTRICHESKIYE STANTSII, NO 3,
1963, PP 2-7.

JPRS 19474

USSR
ECON
JUN 63

231,570

Ceiling Voltage Ratio and an Automatic
Excitation Control System for Large
Turbo-Generators, by N. A. Polyak.
RUSSIAN, per, Elek Stantsii, Vol XXXIV, No 3,
1963, pp 69-76.
NLL Ref: 9022.03 1963 (3404) (loan copy)

Sci
Aug 64

The choice of the Optimum Calculating Parameters
and the Interconnecting Systems of Regenerative
Heaters for Large Condensing Power Stations,
by L. S. Pogorin, et al
RUSSIAN, per, Elektricheskie Stantsii, Vol 34, 1963,
No 2, pp 21-6
NLL RTS 24:0
(ON LOAN OR PURCHASE)

Sci - Eng
May 67

325,882

Zhila, V. G.
DETERMINATION OF THE PRESCRIBED POLLUTED
ZONE ROUND POWER STATIONS. [1963] [6p] 4: cfs
C. E. Trans. 3217.
Order from OTS, SLA, or ETC \$1.10 TT-64-15275

Trans. of Elekt[richeskie] Stantall (USSR) 1963, v. 34,
no. 4, p. 26-28.

(Engineering--Safety, TT, v. 11, no. 12)

TT-64-15275

I. Zhila, V. G.
II. CE-Trans-3217
III. Central Electricity
Generating Board,
London (England)

Office of Technical Services

Kafieva, K. Ya.

PRACTICAL METHODS OF CALCULATING CORONA
INTERFERENCE IN TRANSMISSION LINES

D. Chrysler, tr. 13p 12refs

Order from OTS or ETC, HC \$1.00, MF \$0.50

TT-64-19357

Trans. of Elektricheskoe Stantail (USSR) 1963 /v. 34,
no. 4/p. 48-51.

(Engineering--Electrical, TT, v. 12, no. 7)

TT-64-19357

I. Kafieva, K. Ya.

II. Bonneville Power
Administration,
Portland, Ore.

Office of Technical Services

Management Framework in Unit Operated
Power Stations, by O. B. Ebin.
RUSSIAN, per, Elek Stantsii, Vol XXXIV,
No 4, 1963, pp 2-5.
ILL Ref: 9022.09 1963 (3227) (loan copy)

Sci
Aug 64

O. S. Zelenkin

Forecasting the electricity demand in a power system.
RUSSIAN, per, Elektricheskie Statistii, Vol 34, No 4,
1963, pp 31-33.
O.A. Trans 738

July 72

TT-65-64233

Field 9C

Aleksandrov, G. N.; Kizvetter, V. E.
STATISTICAL INVESTIGATIONS OF THE DIELECTRIC
STRENGTH OF CONTAMINATED INSULATION. 1965, 9p.
CE-Trans-3881.
Order from CFSTI, SLA or ETC: HC\$1.10, MF\$0.50
as TT-65-64233

Trans. of Elektricheskoe Stantell (USSR) v35 n4 p70-3 1964.
Document contains halftone illustrations which are difficult
to read in reprints.

I. Central Electricity
Generating Board
London (England)

Lyskov, U. E. and Sokolov, N. N.
THE CHARACTERISTICS OF POWERFUL, TUNED,
ALTERNATING-CURRENT TRANSMISSION SYSTEMS
D. Chrysler, tr. 17p (figs omitted) 5 refs
Order from: OIS or ETC HC \$1.00, MF \$0.50

TT-64-19358

Trans. of Elektricheskie Stantsii (USSR) 1963 (v. 14,
no. 5) p. 45-50.

(Engineering--Electrical, TT, v. 14, no. 7)

TT-64-19358

I. Lyskov, U. E.
II. Sokolov, N. N.
III. Bonneville Power
Administration,
Portland, Ore.

Office of Technical Services

PLAN OF THE YERMAKOVSKAYA GRES WITH A CAPACITY
OF 2,400,000 KW, BY I. L. TSINOVY, 22 PP.

RUSSIAN, PER, ELEKTRICHESKIYE STANTSIL, NO 6,
JUNE 1963, PP 2-11.

JPRS 20894

USSR
ECON
SEP 63

342,929

A Method of Calculating the Number of Starts and the Losses Due to Variable Operating Conditions in Power Stations, by V. A. Romanov, Z. F. Nemetsov.

■RUSSIAN, per, Elek Stantsii, Vol XXXIV, No 6, 1963, pp 13-17.

NLL Ref: 9022.09 1964 (3342)
(loan copy)

Sci
Sep 64

Inspection of the Foundations Beneath a 100.MW
Turbogenerator, by P. A. Gutidze, V. F. Rusadze.

RUSSIAN, per, Elek Stantsii, Vol XXXIV, No 6,
1963, pp 35-38.

MLL Ref: 9022.09 1964 (3343)
(loan copy)

Sci
Sep 64

The Use of a Digital Computer for Calculating the
Optimum Operating Regime for Hydroelectric
Power Station in a Network Subject to Seasonal
Regulation, by V. I. Obrezkov.

RUSSIAN, per, ~~Elek Stantsii~~, Vol XXXIV, No 6,
1963, pp 38-42.

NLL Ref: 9022.09 1964 (3344)
(loan copy)

Sci
Sep 64

The Formation of Sodium Chloride and
Silica in Turbine Deposition Indicators,
by B. G. Dementyev and Yu. V. Zenkevich.
RUSSIAN, per, Elekt Stantsii, 1963, No 7
Vol 34, pp 24-27.
MLL 9022.09 1964 (3577) (On Loan)

Aug 65

286,475

Experience of the Work Involved in the
Modification of Turbogenerators to Operation
At a Higher Hydrogen Pressure, by M. S.
Slednev.

RUSSIAN, per, Elekt. Stantsii, 1963, Vol 34,
No 7, pp 47-54.

MLL 9022.09 1964 (2962) (On Loan)

Aug 65

287,171

Quicker Starting of the VPT-50-3 Turbine by Means of
Steam Heating of the H.P. Flanges and Bolts, by S.A.

Prokhorov.

.RUSSIAN, per, Elekt. Sta. Vol 34, No 8, 1963, pp 15-19

NLL/9022.03 1963 3539

Sci -

Aug 67

336,847

Galloping of Conductors on Power Transmission
Lines, by N. M. Dubrovskiy, G. P. Neshta.
RUSSIAN, per, Elek ~~T~~ Stantsii, Vol XXXIV,
No 8, 1963, pp 76-78.
NLL Ref: 9022.09 1964 (3421) (loan copy)

Sci
Aug 64

R-4491-D

Use of Small Prime Movers for Servicing Electric Substations, by V. A. Alekseyeva.

RUSSIAN, per, Elektricheskiy Stantsii, Sep 1963, pp 85, 86.

*JPRS/

Oct 64

Galloping Conductors on 400-500 kV Transmission
Lines, by V. A. Varshkov, et al.
RUSSIAN, Per, Elekt Stantsiy, Vol 34, Oct 1963,
pp 74-76.
C.E. Trans 5431D

Sci-Elec
Sep 70

The State of Soviet Power Engineering at the Time of the
Forty-sixth Anniversary of the October Revolution, 6 pp.

RUSSIAN, per, Elektricheskiye Stantii, No 11, 1963, pp 3-5.

JPRS 22774

Sci-Engr
Jan 64

247,088

Tightening Heavy Fastenings of Steam Piping
by Means of Carborundum Heaters, by
B. L. Levchenko, K. K. Romanchik, 29 pp.

RUSSIAN, per, Elek Stantsii, Nov 1963, pp 35-38.

CIA/FDD XX-1610
NO FOREIGN DISSEM

Sci - Engr
Nov 64
USIB Internal Use Only

269,110

The Effect of Length of Time and Operation of Impellers on Their Deformability,
by R. L. Zaydelman.
RUSSIAN, per, Elektricheskie Stantsii,
Vol 34, June 1964, pp 20-24.
CEGB Trans 4009

Mar 72

TT-65-64208

Field 9C

Mikutski, G. V.
ATTENUATION MEASUREMENTS IN 110 KV DOUBLE-
CIRCUIT TRANSMISSION LINES UNDER VARIOUS FAULT
CONDITIONS. 1965, 10p. CE-Trans-392*.
Order from CFSTI, SLA or ETC: HC\$1.10, . . \$0.50
as TT-65-64208

Trans. of Elektricheskoe Stantsii (USSR) v35 n7 p74-7 1964.

I. Central Electricity
Generating Board
London (England)

Features of the Mounting and Fitting of
the First Generators with Hydrogen-Water
Cooling, by M.A. Shakhmatov, A.V. Chernushin.
RUSSIAN, per Elekt. Sta. Vol. 35, No. 4, 1964
pp 41-44
NLL/9022.03 1965 (3613)

Sci -
Aug 67

338-439

Protection of Large Capacity Turbine
Generators Against Reverse Sequence Currents,
by N. T. Smertin, 14 pp.
RUSSIAN, per, Elektricheskie Stantsii, 1964,
pp 45-49.
CIA/FDD XX-1746
NO FOREIGN DISSEM

Sci
Aug 65
USIB Internal Use Only

287,615

1963 Accomplishments and 1964 Plan of State
Committee on Power Engineering and Electri-
fication USSR, by F. P. Konin, 9 pp.
RUSSIAN, per, Elek Stants, No 3, 1964, pp 93-95.
JPRS 244224812

USSR
Kcon
Jun 64

261,979

Modernized Differential Relays with Saturable
Transformers, by F.M. Rozenblyum, V.S.
Gorshenin.
RUSSIAN, per Elekt Sta, Vol. 35, No. 6,
1964, pp 58-63.
NLL/9022.03 1965 (3769)

Sci -
Aug 67

337-422

Conference of Power Builders to Increase Technical
Level of Power Construction and Overall Mechanizat on,
by N. Ya. Turchin, 7 pp.
RUSSIAN, per, Elektricheskie Stantsii, No 8, 1964,
pp 87, 88.
JPRS 28019

USSR
Econ
Feb 65

273,283

NCH-201 298

Field 21E

Skalov, A. D.; Kuenotsov, S. N.
EXPERIENCE IN REDUCING NOISE ASSOCIATED
WITH LARGE GAS-TURBINE INSTALLATIONS (Opyt
Umensheniya Shuma Moashchnoi Gazoturbinaloi Utanovki).
25 Feb 1963, 13p, (foreign text included) 4 refs.
TP/T-3876.
Order from NLL

Trans. of Elektricheskie Stantsii (USSR) v35 n9 p34-38
1964.

I. Associated Electrical
Industries, Ltd.
Trafford Park (England)

Eliminating Thermal Instability in Rotors with
Forced Cooling of the Winding. by M.A. Branovskii.
A.P. Sivkov.

RUSSIAN, per Elekt Sta. Vol. 35, No. 9, 1964

pp 38-43

NLL/9022.03 1965 (3677)

Sci -
Sep 67

340-016

Calculation of Differential Phase Protection
of 110-220 kv Busbars, by T.N. Dorodnova,
A.N. Kozhin.

RUSSIAN, per Elekt. Sta. Vol. 35, No. 9,
1964, pp 77-82.
NLL/9022.03 1965 (3710)

Sci -
Aug 67

337-403

Checking the Contacts On Oil Circuit Breakers Without
Opening The Tanks, by M.V. Lokshin.

RUSSIAN, per, Elekt. Sta., Vol 35, No 10, 1964, pp
54-59.

NLL/9022.09 1965 3989

Sci -

Sep 67

340,031

TT-65-64215

Field 11F, 20K

Grebenkin, V. G.

TAKING INTERNAL CORROSION INTO ACCOUNT WHEN
SELECTING THE PERMISSIBLE DEGREE OF OVALITY
OF PIPE BEND CROSS-SECTIONS. 1965, 7p, 3 refs.
CE-Trans-3967.
Order from CFSTI, SLA or ETC: HC\$1.10, MF\$0.50
as TT-65-64215

Trans. of Elektricheskie Stantii (USSR) v35 n10 p26-31
1964.

I. Central Electricity
Generating Board
London (England)

Calculating Thermal Expansion In Steam Pipes Using
The Elasticity Characteristics Of A Model, by V.A.
Nakhalov.

RUSSIAN, per, Elekt. Sta., Vol 35, No 11, 1964, pp
35-37.

NLL/9022.03 1965 3711

Sci -

Sep 67

340,037

Unbalance and Questions Involving The Stability of
Rotors Running in Journal Bearings. by S.I. Mikunis.
RUSSIAN, per Elekt. Sta. Vol. 34, No. 7, 1964, pp
57-60
NLL/3022.09 1965 (3897)

Sci -
Aug 67

339-536

Bu. of Reclamation 16-D-1055(4)

R-7037-D
6 May 66

Rezultaty ispytaniia metoda elektrokhimicheskoi
osabchity vodovodov ot obrastaniia Dreissenoj i
koroeii

By: Dr. M. Korokha, I. P. Lubianov, et al

From: ELEKTRICHESKIE STANII 36(8); 29-33, 1965 (5 pp)

Russian - est for wds:

Type 1 camera ready copy. Document may be cut.

Electrical Resistance Measuring Devices, by
Z. Ruzga, 411 pp.
RUSSIAN, bk. Elektricheskiye Termometry
Soprotivleniya, Moscow-Leningrad, 1961,
pp 1-336. 9692777-Y
FTD-TT-63-730

Sci-Electron
June 64

260,696

Electrical Phenomena in the Organism, by Ye. A.
Gromova, 31 pp.
RUSSIAN, booklet, Electricheskiye Yavleniya v
Organizme, Moscow, 1964, pp 3-31.
JPRS 27944

USSR
Sci-Bio & Med Sci
Feb 65

272,958

28-1
AW

Electricity; ~~Manufacturing~~ Centrifugated Reinforced
Concrete Supports for Power Lines, by B.
Cherkasskiy-Pereylok, I. K. Kachan, A. P.
Anisimov, 33 pp. UNCLASSIFIED

RUSSIAN, per, Elektrichestvo, pp ~~1-7~~ 1-7, 69-72.

Navy Tr 1163/ONI A-809

Scientific - Electricity
Apr 55 OTS

23,361

Generation of High-Voltages by Means of
Resonance Transformers, by G. I. Babat, 10 pp.
UNCLASSIFIED

MO
RUSSIAN, per, Elektrichestvo, Encl to 1A1-237-54,
AFCH.

AF 627609

Scientific - Electronics

CIA D 68464

CTS/DEX

13,697

Short Wave and Directive Antennas, by M. A.
Rouch-Braevich.

RUSSIAN, see, Elektrichestvo, 1925, pp 228-234,

ABC Tr

Nov 1949 CTS

Scientific - Electronics

15,847

Power Plants in Region VII (Shatura Gres), 4 pp.
RUSSIAN, per, Elektricheskoy, No 1, 1926, pp 50-54,
Encl to SIR 2476.

AID

Sci - Electricity

44, 541

Mar 57/CTB

Power Plants in Region III (110kv and 28-kv
Transmission Lines Emanating From Shterovka Gres),
8 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1926, p 245.
Encl to SIR-2557, ~~from, III~~

AID/Jan 57

USSR

50,054

Econ

Sci - Electricity

Power Plants in Region (Bolkhov Ges--Leningrad
Transmission Line), 22 pp.

RUSSIAN, per, Elektrichestvo, No 1, 1927,
pp 1-19, Encl to SIR-2463.

AID

Sci - Electricity

44,537

Mar 57/CIS

Power Plants in Region VII (Kashira-Moskva
Transmission Line), 4 pp.

RUSSIAN, per, Elektrichestvo, No 4, 1927,
pp 128-129, Encl to BIR-2717, AFOIN-1A1.

AID/Dec 56

USSR

Econ

Jul 57

Sci -

Electricity

50,095-

Power Plants in Region VII (Moscow Regional Transmission Lines) 6 pp, 1 illus.

RUSSIAN, per, ~~Elektricheskaya~~ No 6, 1987, pp 205-208.
Encl to SIR-2575.

AID/Feb 57

50,362

USSR
Econ

BX

Power Plants in Region I (Substations and Cable Network of the "Elektrotok" Power System), 13 pp.

RUSSIAN, per, Elektricheskoye, No 5/6, 1928, Encl to SIR-2605, AFOW-1A1.

AID/Mar 57

USSR - Economic

50,834

Aug 57

Power Plants in Region IV (Electric Power Supply in
North Caucasus), 7 pp.

RUSSIAN, per, Elektrichestvo, No ⁴ 5, 1930, pp 220,
221, Encl to SIR-2598, AFOW-1A1.

AID/Mar 57

USSR - Economic

50,853

Aug 57

Power Plants in Region III (The Zuyevka State
Regional Electric Power Plant), 6 pp.

RUSSIAN, per, ~~Elektrichestvo~~, No 21, 1930,
pp 890-892, Encl to SIR-2550, AFOW IAI.

AID/Jan 57

USSR

50,060

Econ

Sci - Electricity

V
Power Plants in Region VII (Power Development in
Gor'kiy-Ivanovo Region), 4 pp, by Yu. Flakserman,

RUSSIAN, per, Elektrifikatsiya SSSR, 1931, pp 42-45,
Encl to SIR-2501.

AID

46,558

Sci - Electricity
April 57 CTS

Power Plants in Region VII (Heat-and-Electric
Power Plant in Yaroslavl') 4 pp

RUSSIAN, per, Elektrichestvo, No 2, 1931, pp 103-105
Encl to SIR-2571.

AID/Feb 57

USSR
Econ

50,357

1

Power Plants in Region III (Electrification of
Ukraine), 14 pp.

RUSSIAN, per, Elektrichestvo, No 19, 1931,
pp 1051-1053, Encl to SIR-2536, AFON-1A1.

AID/Sec 56

USSR
Econ
Jul 57

50,092

Power Plants in Region ~~YANIKHEV~~ I (Svir'-Leningrad
Transmission Line, 14 pp.

RUSSIAN, per, Elektrichestvo, No 1, 1932, pp 41-55,
Encl to SIR-2464.

AID

Sci - Electricity

44,538

Mar 57/CTB

Power Plants in Region III (Electrification of the
Ukraine in 1932), 31 pp.

RUSSIAN, per, Elektrichestvo, No 6, 1932, pp 324-
329, Encl to SIR-2562, AFOLN IAI.

AID/Jan 57

USSR

Econ

Sci - Electricity

50,058

Power Plants in Region III (Proposed Design of the
Dnestr Hydroelectric Power Plant), 26 pp.

RUSSIAN, per, Electrichestvo, No 9, 1932, pp 496-
511, Encl to SIR-2556, AFON IAI

AID/Jan 57

USSR

50,049

Econ

Sci - Electricity

Power Plants in Region I, 9 pp.

RUSSIAN, per, Elektrichestvo, No 10, 1935, pp 21-25. Encl to SIR 2437.

AID/Sep 1956

USSR
Economic

44,669

Power Plants in Region VII (OKA River Crossover,
220-KV Stalinogorsk-Moscow Line) 13 pp, 5 illus.

RUSSIAN, per, ~~Elektricheskoye~~, No 17, 1935, pp 29-34.
Encl to SIR- 2589.

AID/ Feb 57

50,363

USSR
Econ

Q

✓
Power Plants in Region III (The Dnepr Power System
in 1935, 14 pp.

RUSSIAN, per, Elektrichestvo, No 1, 19³~~4~~6, pp 17-22,
Encl to SIB-2495.

AID

46,562

Sci - Electricity
April 57 CTS

Power Plants in Region III (Interconnection of the
Dnepr, Donbass and Azcherkay), 13 pp.

RUSSIAN, per, Elektricheskoye, No 13, 19³~~5~~6, pp 31-34,
Encl to SIR-2557, AFOL LAL.

AID/Jan 57

USSR

50,057

Econ

Sci - Electricity

Oxygen-Cesium Phototubes, by A. A. Sokolov.
RUSSIAN, per, Elektrichestvo, No 6, 1937,
pp 11-22.
CFSTI TT 64-71453

Sci
Apr 67 322,281

Determination of Generator Losses by Method
of Braking, by I. A. Syromyatnikov.

RUSSIAN, per, Elektrichestvo, No 4, 1938,
pp 67-68.

MLL M 8901

Sci - Engr
Feb 63

223,572

Effect of Field Voltage Variations ~~on~~ on the Small
Vibrations of the Rotor of a Synchronous Machine,
by M. M. Botvinik.

RUSSIAN, per, Elektrichestvo, No 6, 1938,
pp 34-40.

NIL M 5041

Sci - Electron
Mar 63

226,535

The Influence of the Surge Shape on the
Discharge Voltages of the Insulation, by
A. A. Akopian, 15 pp.

RUSSIAN, per, Elektrichestvo, No 3, 1939,
pp 55-59.

SIA R-1424

May 58

Sci Mins Lit
Tr 57/2 507

63,184

Power Plants in Region III (Reconstruction of Power
Plants in Donbass), 22 pp.

RUSSIAN, per, Elektrichestvo, No 3, 1944,
pp 2-8, Encl to SIR-2515, AFOIN-1A1.

AID/Dec 56

USSR
Econ
Jul 57

50,091

Chervonenkis, Ya. M.
DIRECT CURRENT TRANSMISSION WITH IMPROVED
CHARACTERISTICS. [1963] [7p] C. E. Trans. 3158.
Order from OTS, SLA, or ETC \$1.10 TT-63-24577

Trans. of Elektrichestvo (USSR) 1945, no. 3, p. 9-11.

Doc. 1 *1942*
20-10-1942

(Engineering--Electrical, TT, v. 12, no. 1)

TT-63-24577

I. Chervonenkis, Ya. M.
II. CE-Trans-3158
III. Central Electricity
Generating Board,
London (England)

Office of Technical Services

An Asynchronous Self-Exciting Alternator, by
A. T. Golovan, A. A. Dubenskiy.

RUSSIAN, per, Elektrichestvo, Vol V, 1945,
pp 50-52.

MLL RFS 2028

Sci - Electron

Jul 62

204, 825

Induction Machines With Open Magnetic Circuits,
by G. I. Shturman, 20 pp.

RUSSIAN, per, Elektrichestvo, No 10, 1946,
pp 43-50.

AERE Tr 818

Sci - Electron

SLA 57-22548

Aug 59

95,460

Spark Discharge in Inert Gases, by K. S. Vulfson,
8/PP. 13.

No
RUSSIAN, per, Elektrichestvo, (11), 1946, pp 16-23,

~~51/5653~~

Sci Museum Lib No 51/5653. London

Investigation of the Electrical Properties
of Cable Insulation on Cable Models, by
S. M. Bregin.

RUSSIAN, per, Elektrichestvo, No 12, 1946,
pp 28-32.

ASLIB-OB57

Sci

Aug 58

71,524

Power Plants in Region III (Dneproges: Scheme
of Electrical Connections), 15 pp, 3 illus.

RUSSIAN, per, Elektrichestvo, No 1, 1947, pp
35-44, Encl to SIR-2559, AFOIN, IAI.
AID/Jen 57

USSR

Econ

Sci - Electricity

50,056

"Edge Effect" in Induction Machines With Open
Magnetic Circuits, by G. I. Shturman, R. L. Aronov,
12 pp.

RUSSIAN, per, Elektrichestvo, No 2, 1947, pp
54-59.

AERE Tr 819

Sci - Electron

Aug 59

95, 461

Systems of Automatic Control by Direct Current
Electric Drives, by A. A. Bulgakov, 15 pp. AP 244454
UNCLASSIFIED

RUSSIAN, no par, Elektrichestvo, Vol. LXVII, No. 4,
1947.

ANC F-73-5667-RE

Scientific - Electricity

16,745

Analysis of Contact Relay Systems, by M. A.
Gavrylov, 35 pp.

^{No.}
RUSSIAN, Elektrichestvo, Vol. 4, pp 5-13 1967.

SLA 60-16583
Sci Museum No 51/2825

Available at Brookhaven.

(PDD 19945)

Dissertations Submitted at the Moscow Power
Engineering Institute & Imani Molotov, by G. S.
Borchanikov, 20 pp.

RUSSIAN, no par, Elektrichestvo, No 4, Moscow,
Apr 1947, pp 90-94.

CIA/PDD/U-5577

USBR

Sci - Electricity, education, dissertations

Mar 54 CTS

11,728

(FDD 19944)

Work of Scientific Seminars at the Power Engineering Institute imeni Krzhizhanovskiy of the Academy of Science USSR, by G. A. Matveyev, 6 pp.

RUSSIAN, no per, Elektrichestvo, No 5, Moscow, May 1947
pp 89, 90.

CIA/FDD/U-5533

USSR

10,763

Sci - Electricity, education, personalities

Feb 54

(FDD 19941)

Scientific and Technical Conference of the Central
Asia Industrial Institute, by T. B. Gubenko, 6 pp

RUSSIAN, no per. Elektrichestvo, No 7, Moscow,
Jul 1947, pp 86, 87

CIA/FDD/U-5813

USSR

Sci - Electricity, education, conferences

APR 54 CTS

12,502

(FDD 19943)

Conference of Power Engineering Organization of the
Union Republic Academies of Science and Affiliates
of the Academy of Science, USSR, by G. A. Matveyev,
4 pp.

RUSSIAN, no per, Elektrichestvo, No 9, Moscow,
Sep 1947, pp 89, 90.

CIA/FDD/U-5534

USSR

10,764

Sci - Electricity, conf.

Feb 54

6

Use of a Higher Frequency on the A.C
Side for the Transmission of High-Voltage
Direct Current, by A. V. Panov.
RUSSIAN, per, Elektrichestvo, No 10, 1947,
pp 67-.

Sci-Elec & Electrical Engr
Sept 66

309,552

(FDD 19942)

At the Power Engineering Institute imeni Molotov,
by D. P. Morozov, V. A. Venikov, Yu. M. Galchen,
8 pp.

RUSSIAN, no pgs, Elektrichestvo, No 10, Moscow,
Oct 1947, pp 89-91.

CIA/FDD/U-5531

USSR

10,761

Sci - Electricity, education, conference

Feb 54

(FDD 19951)

Dissertations Submitted at the Dnepropetrovsk
Mining Institute ineni Artema Sergeyev, by G. I.
Bulakh, 6 pp.

RUSSIAN, no ~~pgs~~, Elektrichestvo, No 10, Moscow,
Oct 1947, pp 91, 92.

CIA/FDD U-5532

USSR

10,762

Sci - Electricity, education, conference

Feb 54

(FOUO 19947)

All Union Scientific and Technical Session on
Electrical Machines in Leningrad, by K. Ye., 12 pp.

RUSSIAN, no per, Elektrichestvo, No 2, Moscow,
Feb 1947, pp 87-89.

CIA/FOUO/U-5608

USSR

Sci - Electricity, conferences, machines

Mar 54 CTS

11,731

(FDD 19946)

At the Scientific and Technical Society of the
Moscow Power Engineering Institute imeni Molotov,
by V. A. Venikov, 6 pp.

RUSSIAN, no per, Elektrichestvo, No 3, Moscow,
Mar 1947, pp 87, 88.

CIA/FDD/U-5574

USSR

Sci - Electricity, education

Mar 74 GTS

11,697

(FDD 19952)

Dissertations Submitted at Azerbaydzhan Industrial
Institute imeni Azizbekov, by B. P. Al'bitskiy,
2 pp.

RUSSIAN, re per, Elektrichestvo, No 3, Moscow,
Mar 1947, pp 89, 90.

CIA/FDD/U-5575

USSR

Sci - Electricity, education

Mar 54 CTS

11,732